

**Study Number:** C03038-01

**Test Type:** TOX

**Route:** Dosing in Water

**Species/Strain:** Rat/Harlan Sprague Dawley

**C Number:**

**Study Gender:**

**PWG Approval Date**

**R02: Reproductive Performance Summary**

**Test Compound:** Sodium Tungstate Dihydrate

**CAS Number:** 10213-10-2

C03038-01

Both

See web page for date of PWG Approval

**Date Report Requested:** 05/20/2019

**Time Report Requested:** 14:49:38

**Lab:** NTP

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**F0 Female**

**Treatment Groups (mg/L)**

Litter		0	125	250	500	1000	2000
A	No. Females Mated	8	8	8	8	8	8
	No. Females Pregnant	7	8	8	6	6	6
	No. Females Littering	7	8	7	6	6	6
	Percent of Pregnant Females/Mated <sup>a</sup>	87.5	100.0	100.0	75.0	75.0	75.0
	Percent of Littered Females/Mated <sup>a</sup>	87.5	100.0	100.0	75.0	75.0	75.0
	Percent of Littered Females/Pregnant <sup>a</sup>	100.0	100.0	100.0	100.0	100.0	100.0
	Gestational Length <sup>b</sup>	22.3 ± 0.2 (7)	22.0 ± 0.0 (8)	22.3 ± 0.2 (7)	22.2 ± 0.2 (6)	22.7 ± 0.2 (6)	22.2 ± 0.2 (6)

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LEGEND

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F0 time mated females were vendor provided so endpoints involving number of females paired, and pre-coital interval were not calculated. Pregnancy was defined as evidence of implantation or littering. Vendor's time of confirmation of mating was utilized for calculation of F0 gestational length.

In multiple breeding/littering studies Litter A is the default designation for the first litter; subsequent litters would be B, C etc.

When reported, pre-coital interval in days is calculated for sperm positive females; results shown as mean  $\pm$  SEM (N)

Gestation length in days calculated for sperm positive females that delivered a litter; results shown as mean  $\pm$  SEM (N).

Animals removed after the cohabitation period but prior to expected littering are excluded from littering calculations.

<sup>a</sup>Statistical analysis performed by Cochran-Armitage (trend) and Fisher Exact (pairwise) 2-sided tests.

<sup>b</sup>Statistical analysis performed by Jonckheere (trend) and Shirley or Dunn (pairwise) tests.

Statistical significance for the control group indicates a significant trend test

Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group

\* Statistically significant at  $P \leq 0.05$

\*\* Statistically significant at  $P \leq 0.01$

**\*\* END OF REPORT \*\***